

## **Abstract**

SNMP is a standard protocol which designed to assist the administrator for management and network monitoring. SNMP can arrange and monitor the network by exploiting Management Information Base (MIB) kept by agent. The core for SNMP is communications between agent and Manager. Manager can deliver the request to agent and then agent will deliver the response or trap to manager as answer.

Software for the SNMP Management at computer server or computer desktop have a lot of in this time. However, if mobility of administrator is high enough, hence the make-up of system flexibility absolutely needed, cause of that, administrator require an system which can be used to monitor their network from long distance and can be accessed at any time. One of solution strived and analysed in this Final Project is designing an SNMP Manager on mobile device. Application scheme of SNMP Manager to a computer server might not will be hard so and not meet a lot of resistance, cause of computer server by itself own the resource which adequate enough. Differing if this application scheme is develop at mobile device like Pocket PC, likely will meet a lot of constraint because of limitation resource like processor, screen size, memory, input media and others.

**Keys :** SNMP, MIB, *SNMP Manager*, *SNMP Agent*